

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION

WIN-1586

Effective Date: April 1, 2012

Reevaluation Date: **June 2015**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.*

**Series 7200 Vinyl Double Hung Windows, Non-impact Resistant**, manufactured by

**Window Mart**  
**P.O. Box 570**  
**5760 Albert Pike**  
**Royal, Arkansas 71968**  
**(888) 283-6278**

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

## PRODUCT DESCRIPTION

The Series 7200 window is a vinyl double hung window. The double hung window evaluated in this report is an individual, non-impact resistant window. This product evaluation report is for a vinyl double hung window based on the following tested construction:

### General Description:

System	Description	Label Rating
1	Individual Double Hung Window; (X/X)	H-R25 40 x 63

### Product Dimensions:

System	Overall Size
1	44" x 77"

### Glazing Description:

System	Glass Construction <sup>1</sup>	Glazing Method <sup>2</sup>
1	IG-1	GM-1

Note: <sup>1</sup> See the "Glass Construction Key" for the glazing construction.

<sup>2</sup> See the "Glazing Method Key" for the glazing method description.

**Glass Construction Key:**

IG-1: Both sashes contain sealed insulating glass units. The sealed insulating glass units are comprised of two lites of  $\frac{3}{32}$ " thick annealed glass separated by a butyl spacer system.

**Glazing Method Key:**

GM-1: The insulating glass units are set from the exterior against double-sided adhesive foam tape. A rigid vinyl snap-in glazing bead secures the insulating glass units from the exterior.

**Frame Construction:** The frame members are manufactured from extruded vinyl (PVC). The frame corners are mitered and welded construction.

**Sash Construction:** The sash members are manufactured from extruded vinyl (PVC). The sash corners are mitered and welded construction.

**Reinforcement:** Extruded aluminum reinforcement is utilized in the interior meeting rail.

**Product Identification:** A certification program label (Keystone Certification Program) will be affixed to the window. The certification program label includes the product name; performance characteristics; and approved inspection agency (Keystone) to indicate compliance with the requirements of AAMA/WDMA/CSA 101/I.S.2/A440-05.

**Label Identification:**

System	Model	Certification Authorization Report (CAR) number
1	7200 Double Hung	588-153

**LIMITATIONS**

**Design pressures:**

System	Maximum Width (in.)	Maximum Height (in.)	Design Pressures (psf)
1	40	63	$\pm 25$

**Impact Resistance:** These window assemblies do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These window assemblies will need to be protected with an impact protective system when installed in areas where windborne debris is required.

**Acceptance of Smaller Assemblies:** Window assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

**INSTALLATION INSTRUCTIONS**

**General:** The window assembly shall be installed in accordance with the manufacturer's installation instructions. The wood wall framing members shall be minimum Southern Yellow Pine lumber.

**(New construction – fin mount):** The wood wall framing members shall be minimum Spruce-Pine-Fir lumber. The window shall be mounted to the wood wall framing members using the nailing fin of the window with minimum No. 8 screws. The fasteners shall be located at each corner and spaced a maximum of 14 inches along the perimeter of the window frame. The fasteners shall be long enough to penetrate a minimum of  $1\frac{1}{2}$  inches into the wall framing members.

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) and the International Building Code (IBC) and the Texas Revisions.